

Amendment Under 37 C.F.R. §1.111
Application No. 09/943,610

ExxonMobil Ref. No. 2001B081

Amendments to the Specification:

Please replace the paragraph beginning on page 12, line 25, with the following amended paragraph:

The conversion of oxygenates to produce light olefins may be carried out in a variety of catalytic reactors. Reactor types include conventional reactors such as fixed-bed reactors, fluid bed reactors, and riser reactors. These and other types of conventional reactors are described in *Fluidization Engineering*, D. Kunii and O. Levenspiel, Robert E. Krieger Publishing Co. NY, 1977. Preferred reactors are riser reactors. Conventional riser reactor design is further described in "Riser Reactor," *Fluidization and Fluid-Particle Systems*, pages 48-59, F.A. Zenz and D. F. Othmer, Reinhold Publishing Corp., NY (1960), the description of which is incorporated herein by reference.

Please replace the paragraph beginning on page 16, line 29, with the following amended paragraph:

Oxygenate is directed through a line 84 to a first stage reactor 80. Product from the first stage is directed through a line 86 to a cyclone separator 88 where product is separated from the zeolite catalyst ~~and removed through a line 86~~. Separated zeolite catalyst is directed to a regenerator 90 where coke is removed. Regenerated catalyst is returned to the first stage reactor 80 via a stream 94 and/or mixed with the oxygenate feed in line 84 before being directed back to the first stage reactor 80.